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(54) **CARDIOPROTECTIVE TOCOPHEROL ANALOG**

(57)Abstract:

PURPOSE: To obtain a new tocopherol analog useful in cardioprotection and reperfusion and as a drug for inflammation, etc.

CONSTITUTION: The tocopherol analog is a compd. of formula I [Q is P+R1R2R3.X-; X is a halide or OS(O)2R4 (R4 is H, 1-6C alkyl, aryl or aralkyl and R1-R3 are 1-6C lower alkyl, phenyl, benzyl or phenethyl); R5 is H or 1-6C alkyl; R6 is H or -C(OR) (R is H or 1-9C alkyl); R7 and R8 are H or 1-6C alkyl; and (n) is 1-6; but R1-R3 are not simultaneously phenyl], e.g., [2-(3,4-dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-benzopyran-2-yl)ethyl]-trimethylphosphonium bromide. The compd. of the formula I is obt'd. by reacting equimolar amts. of a compd. of formula II and a suitable trialkylphosphine of the formula PR1R2R3 with each other in an inert solvent at 90-150°C under pressure.

